

PATENT

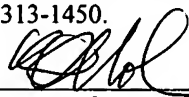
Docket No. 55025-45276

## CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this February 25, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL 991956901 US addressed to: Box Patent Application, Assistant Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kenneth Solomon

(Type name of person mailing paper)

  
 (Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.10(b).

Mail Stop Patent Application  
 Assistant Commissioner of Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Ravetz, Megan; Williams, Graham; Nelson, Andrew; Blunt, Roy Trevor; Williams, Howard

For : An Improved Apparatus for the Delivery of Precursors in the Vapour Phase to a Plurality of Epitaxial Receptors

Enclosed are:

## 1. Benefit of Prior U.S. Application (35 USC 120)

X The new application being transmitted claims the benefit of a prior U.S. application and enclosed is added page for new application transmittal where benefit of a prior U.S. application claimed.

## 2. The Papers Required For Filing Under 37 CFR 1.53:

9 ~~2~~ Pages of Specification  
1 Pages of Abstract  
4 Pages of Claims  
2 Sheets of Drawing

X formal      informal

In addition to the above papers there is also attached:

3 Pages of an Amendment  
X Return Receipt Postcard  
X Information Disclosure Statement with 13 copies of references.

**3. Declaration or oath**

☒ Enclosed 4 pages  
☒ Newly executed (original or copy)  
☐ Copy from a prior application (continuation/divisional with page 5 of 5 completed)  
☐ Deletion of Inventor(s) (signed statement attached deleting inventor(s) of prior application)  
☐ Not enclosed

**4. Inventorship Statement**

The inventorship for all the claims in this application are:

☒ the same

**OR**

☐ are not the same and an explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.

**5. Language**

☒ English ☐ Non-English

A verified English translation of the

[check applicable item(s)]

☐ specification and claims

☐ declaration

is attached.

**6. Assignment**

☒ Assignments of the invention to Epichem Limited and to IQE plc

☒ are filed under separate cover sheet

☐ was filed in the prior application

☐ will follow

**7. Certified Copy**

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(Country) (Application No.) (Filed)

from which priority is claimed

☐ is attached

☐ will follow

**8. Fee Calculation**

## CLAIMS AS FILED

	Number Filed	Provided with Basic Fee	Number Extra	Rate	Basic Fee \$770
Total Claims	10	20	0	X \$18.00	\$ .00
Independent Claims	1	3	0	X \$84.00	\$ .00
Multiple Dependent Claim(s), if any	0	0	0	X \$280.00	\$ .00

  X   Amendment canceling extra claims enclosed       Amendment deleting multiple dependencies enclosed  x   Fee for extra claims is not being paid at this time

Filing Fee Calculation

\$ 770.00

**9. Small Entity Statement**       verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is attached.

Filing Fee Calculation (50% of above)

\$       **10. Fee Payment Being Made At This Time**  X   Enclosed  X   basic filing fee\$ 770.00

Total fees enclosed

\$ 770.00**11. Method of Payment of Fees**  X   check in the amount of \$ 770.00


**12. Authorization to Charge Additional Fees**

X The Commissioner is hereby authorized to charge any additional fees which may be required to Account No. 20-0823. A duplicate copy of this form is enclosed for this purpose.

**13. Instructions As To Overpayment**

X credit Account No. 20-0823

**14. Correspondence Address**



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Kenneth Solomon  
Reg. No. 31,427  
THOMPSON COBURN LLP  
One US Bank Plaza  
St. Louis, Missouri 63101-1693  
(314) 552-6297  
(314) 552-7297 FAX

**ADDED PAGE FOR NEW APPLICATION WHERE BENEFIT  
OF A PRIOR U.S. APPLICATION CLAIMED**

**15. Benefits of Prior U.S. Application**

This application is a

- ☐ continuation
- ☐ continuation-in-part
- ☒ divisional

of prior U.S. application Serial No. 10/149092 filed June 6, 2002, which is the US National  
Phase of PCT Application PCTGB00/02559 filed July 3, 2000

- ☒ Incorporation by Reference  
The entire disclosure of the prior application, from which a copy of the oath or  
declaration is supplied under item 3., is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by reference therein.

**16. Maintenance of Copendency of Prior Application**

- ☐ A petition, fee and response has been filed to extend the term in the pending prior  
application until

**17. Conditional Petition for Extension of Time in Parent Application**

- ☐ A conditional petition for extension of time is being filed in the pending parent  
application.

**18. Relate Back -- 35 U.S.C. 120**

- ☒ Amend the specification by inserting before the first line the sentence:

This is a

- ☐ continuation
- ☐ continuation-in-part
- ☒ divisional
- ☐ provisional

of copending application

- ☒ Serial number 10/149,092; filed on June 6, 2002
- ☐ PCT International Application     ; filed on

**19. Abandonment of Prior Application (if applicable)**

- ☐ Please abandon the prior application at a time while the prior application is  
pending or when the petition for extension of time in that application is granted  
and when this application is granted a filing date so as to make this application  
copending with said prior application.



022504

**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
**55025-45276**

In Re Application Of:

**Ravetz, et al**
Serial No.  
**Not Yet Assigned**

Filing Date  
**Herewith**

Examiner  
**Not Yet Assigned**

Group Art Unit  
**Not Yet Assigned**
**Title: AN IMPROVED APPARATUS FOR THE DELIVERY OF PRECURSORS IN THE VAPOUR PHASE TO A PLURALITY OF EPITAXIAL RECEPTORS**
**TO THE COMMISSIONER OF PATENTS AND TRADEMARKS**

Transmitted herewith is:

New Patent Application Transmittal  
 PCT Application  
 Preliminary Amendment  
 Declaration  
 Assignment Recordation Form  
 Assignment to Epichem Limited  
 Assignment Recordation Form  
 Assignment to IQE plc  
 Power of Attorney from Epichem Limited  
 Power of Attorney from IQE plc  
 IDS Transmittal Form  
 IDS  
 IDS References (15)

in the above identified application.

- ☐ No additional fee is required.  
☒ A check in the amount of \$850.00 is attached.  
☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of  
☒ Credit any overpayment.  
☒ Charge any additional fee required.

  
 Signature
Dated: February 25, 2004

Kenneth Solomon, Reg. #31427  
 Thompson Coburn LLP  
 One US Bank Plaza, Suite 3500  
 St. Louis, Missouri 63101  
 314-552-6297  
 314-552-7297 FAX

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this document is being deposited with the United States Postal Service on February 25, 2004 in an envelope as 'Express Mail Post Office To Addressee' Mailing Label Number EL 991956901 US addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

  
 Signature of Person Mailing Correspondence
**Kenneth Solomon**

Typed or Printed Name of Person Mailing Correspondence

cc: